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Incoming (03/20/07)

From: "Gefferth, John" <JohnGefferth@consolenergy.com>
To: "Priscilla Burton" <priscillaburton@utah.gov>
Date: 1/25/2007 10:24:55 AM
Subject: FW:

Priscilla
Please call when you receive this

From: ROBERT E LONG [mailto:lrcsoils@msn.com]
Sent: Wed 1/24/2007 1:04 PM
To: Gefferth, John
Cc: Karla Knoop
Subject:

Attached is the Word file with Ravola loam (RIB) included in the legend. Please delete the previous version of this file.

Robert E Long, CPSS
Long Resource Consultants, Inc.

801-791-3447 Cell
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1960 W Deep Creek Road, Morgan, UT 84050-966, Office 801-829-6416, Cell 801-791-3447, Email lrcsoils@earthlink.net

Mr. John Gefferth
Consolidated Coal Company
P.O. Box 566
Sesser, IL 62884

Pages: 2

January 23, 2007

Dear John,

The attached soils map is the most up to date soils information for Consolidated Coal Company's Emery Mine. The red line on the soils photo is the approximate location of the 160 acre Incidental Boundary Change (IBC) that you emailed to me yesterday.

This soils information has been obtained from unpublished data and is subject to change. The map was obtained during a meeting with Mr. Leland Sasser and Mr. Robert Fish at the Natural Resource Conservation Service center in Roosevelt, Utah on January 23, 2007. The map unit names were obtained from the 1970 Carbon-Emery soil survey and in a phone conversation with Mr. Sasser on January 24, 2007. Information on the prime farm land status of soil map units was obtained during the January 24, 2007 phone conversation with Mr. Sasser.

The Tusher soil in map units TrB and TrC replaces Trook which replaced Palisade in the 1970 Carbon-Emery Soil Survey (Swenson et. al. 1970). Tusher soils (Utah series) have a longer growing season than Trook soils (Wyoming series), otherwise they are very similar. Tusher soils do not have a natric horizon (sodic) that is characteristic of the Palisade soils.

Hopefully this information will meet your needs for the Emery Mine IBC. If you need any additional information or have any questions, please contact me (801-791-3447 or 801-829-6416).

Sincerely,

Robert E. Long, CPSS
President



Soils Legend
for
Consolidation Coal Company's Emery Mine
Incidental Boundary Change Area (IBC)
Emery County, Utah

red is approximately 16 acres.

SW/NW, NW/SW, NE/SW, SE/SW
Section 22, Township 22 South, Range 6 East, Salt Lake Base Meridian

Map ¹ Symbol	Map Unit ²	Prime Farm Land, If Irrigated ³
BeC2	Beebe loamy fine sand, 3 to 6 percent slopes, eroded	No
CPE2	Chipeta-Persayo Association, 3 to 20 percent slopes, eroded	No
KIB	Killpack clay loam, 1 to 3 percent slopes	No
KIC2	Killpack clay loam, 3 to 6 percent slopes	No
LB	Libbings silty clay loam	No
MIB	Minchey loam, 1 to 3 percent slopes	Yes
PCE2	Persayo-Chipeta Association, 1 to 20 percent slopes eroded	No
PnA	Penoyer loam, extended season, 0 to 1 percent slopes	Yes
RIB	Ravola loam, 1 to 3 percent slopes	Yes
RUB2	Ravola-Bunderson complex, 1 to 3 percent slopes, eroded	No
TrB	Tusher fine sandy loam, 1 to 3 percent slopes	Yes
TrC	Tusher fine sandy loam, 3 to 6 percent slopes	No
1. Symbols in red have been changed or added since the Carbon-Emery Area, Utah Soil Survey (1970).		
2. Data Source: NRCS, personal communication with Leland Sasser and Robert Fish (January 23-24, 2007). <i>Information is from unpublished Emery County Soil Survey data and is subject to change.</i>		
3. Personal communication with Leland Sasser, NRCS, Price, Utah Service Center, January 24, 2007.		

Scale of map is not defined in this layout. Area outline in